

# **U.S. Department of Energy Federal Energy Management Program**

**Shawn Herrera  
FEMP DER Program**

**DER at Federal Facilities Workshop  
May 23-24, 2002**



# **FEMP Resources**

**1. DER Call for Projects**

**2. Technical Assistance**



# Overview – FY2002 DER Call

- **Funding available up to \$500,000 to support cost-effective federal projects using Distributed Energy Resources**
- **Through this call, FEMP will provide:**
  - **Subsidies for DER hardware**
  - **Technical assistance**



# DER Hardware

- The generation technology can be any of the following sources, powered by natural gas and/or renewable energy:
  - Microturbines
  - Advanced industrial turbines
  - Combined, heat and power systems (CHP)
  - Fuel cells
  - Hybrid systems
  - Natural gas reciprocating engines
  - Photovoltaic systems
  - Wind energy systems



# Examples of Technical Assistance

- **Screening for project opportunities**
- **Feasibility studies**
- **Writing procurement specifications**
- **Design review**
- **Taking performance measurements and/or**
- **Monitoring existing DER systems**



# Selection Criteria

- **Cost Sharing/Project Partners and Agency Support**
- **Financial and Technical Merit**
- **Strategic Value and Showcase Potential**
- **Project Description**
- **Project Implementation Plan**



# Schedule

- **June 14, 2002 – Proposals due**
- **July 31, 2002 – Applicants notified**
- **June 25-26 2002– DER for Federal Facilities Workshop, Chicago, IL**



# Contact

**Complete the form on-line or send it to the following address by June 14, 2002:**

**[www.eren.doe.gov/femp/techassist/der\\_resources.html](http://www.eren.doe.gov/femp/techassist/der_resources.html)**

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# Technical Assistance

- **FEMP's Team could help agency sites**
  - Determine if they have DER/CHP potential
  - Understand options with commercial technology
  - Ensure best-value configurations go into their projects
  - Help avoid surprises (e.g., exit fees)
- **Agencies move forward when they are confident that claims are verified and pricing is fair and reasonable**



# Technical Assistance Program

## Regional Contacts

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